



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

TRANSPORTATION ENGRNG TECHNOLOGIST III

Job Number: 20001438

Job Code: 70980V161216

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 09/16/1984

Job Revised: 12/16/2016

Grade: 15 Salary (MIN - MID):

\$19,882-\$26,339 - Hourly

\$3,230.84-\$4,280.10 - 37.5 Hr. Monthly Salary

\$3,446.22-\$4,565.44 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$20,877 - Hourly

\$3,392.40 - 37.5 Hr. Monthly Salary

\$3,618.68 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months. For additional information refer to: <http://www.lrc.ky.gov/kar/101/001/325.htm>.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

With the specific written approval of the State Highway Engineer, positions in this class are authorized to oversee activities on major construction, maintenance, bridge inspection, or utility relocation projects OR to head a specific engineering related function within a district or division OR to perform tasks requiring the application of complex technical principles in the design, development and/or review of major engineering projects; and performs other duties as required. (Engineering decisions recommended by positions of this class must be approved by a Licensed Professional Engineer under KRS 322.)

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with a bachelor's degree in engineering technology, construction management, engineering science, engineering mechanics, geology, earth science, industrial technology, industrial drafting, design technology or construction technology.

EXPERIENCE:

Four years of engineering-related experience.

Substitute EDUCATION for EXPERIENCE:

1. Possess a valid EIT certification issued by the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors OR 2. Graduate of a college or university with a bachelor's degree OR an associate degree in an engineering field OR 3. High school OR 4. High school

Substitute EXPERIENCE for EDUCATION:

1. Must have four years of engineering-related experience with the first education option above; OR 2. Must have seven years of engineering-related experience with the second education option above; OR 3. Must have ten years of engineering-related

experience in which case related technical or vocational training will substitute for the required experience on a year-for-year basis, up to a maximum of four years with the third education option above; OR 4. Must have eight years of bridge inspection experience under the supervision of a Qualified InspectionTeam Leader, plus successful completion of a Federal Highway Administration approved comprehensive bridge inspection training course with the fourth education option above.

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

Must possess and maintain a valid driver's license prior to appointment in this classification.

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

In addition to performing duties listed in Transportation Engineering Technologist I and II, positions in this class will perform the following duties as appropriate. Develops and maintains project documentation. Estimates project cost. Prepares technical reports. Recommends and monitors operational budgets. Organizes and conducts meetings in the planning, design, construction and maintenance of projects. Acts as departmental liaison between contractor and/or governmental agencies investigating multilateral disputes or complaints. Reviews completed work of contractors. Coordinates the work and activities of a district survey or surrounding crew. Collects, analyzes, and evaluates planning data used in mapping, HPMS, adequacy ratings, traffic forecasts, rail/highway crossings and project planning activities. Reviews construction or design documentation for technical accuracy. Performs land surveying, incidental topography and mapping required on engineering projects. Performs field survey parties in obtaining survey data and other necessary field information required for the development of right-of-way plans. Analyzes data obtained and submits necessary reports and technical information. Responsible for the development of maps, plats, deed descriptions, right-of-way plans and manuscripts. Coordinates the preparation of deeds and plans for property to be acquired by the Commonwealth. Responsible for checking, adjusting and maintaining surveying instruments and equipment. Contacts property owners for information required for development of roadway plans. Coordinates work between various agencies. Performs as a functioning member of a bridge inspection team. Operates computer and applicable software related to National Bridge Inspection Standards data collection, inspection report compilation, and data transfer. Maintains and organizes district bridge files. Understands bridge components, nomenclature, and simple bridge mechanics. Attends required training classes. Operates under-bridge inspection cranes. Plans, organizes, assists and inspects the proper installation and safety of all Work Zones. Provides training for employees tasked with traffic control and various Work Zone installations for construction and maintenance projects. Monitors utility contractors in proper Work Zone traffic control installations. Advises management, on all Work Zone traffic control set-ups.

UNIQUE PHYSICAL REQUIREMENTS:

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Work is performed in the office and in the field. Will be exposed to risks inherent to construction sites.

ADDITIONAL REQUIREMENTS:

Applicants and employees in this job title may be required to submit to a drug screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

THE COMMONWEALTH OF KENTUCKY DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, SEXUAL ORIENTATION OR GENDER IDENTITY, ANCESTRY, AGE, DISABILITY, POLITICAL AFFILIATION, GENETIC INFORMATION OR VETERAN STATUS IN ACCORDANCE WITH STATE AND FEDERAL LAWS.